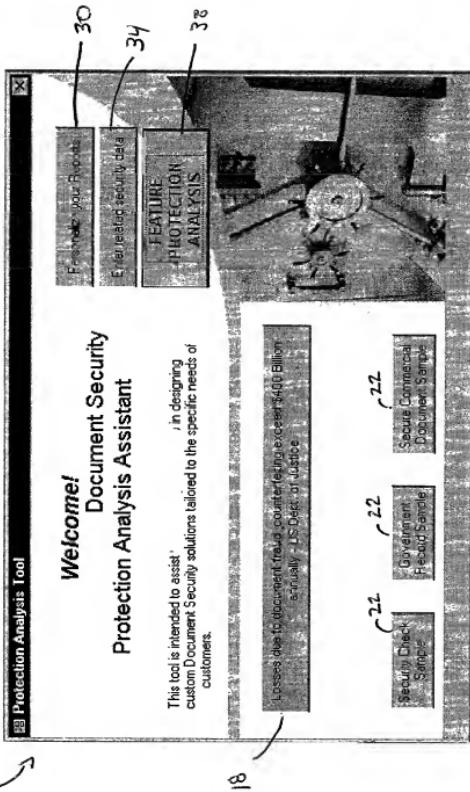


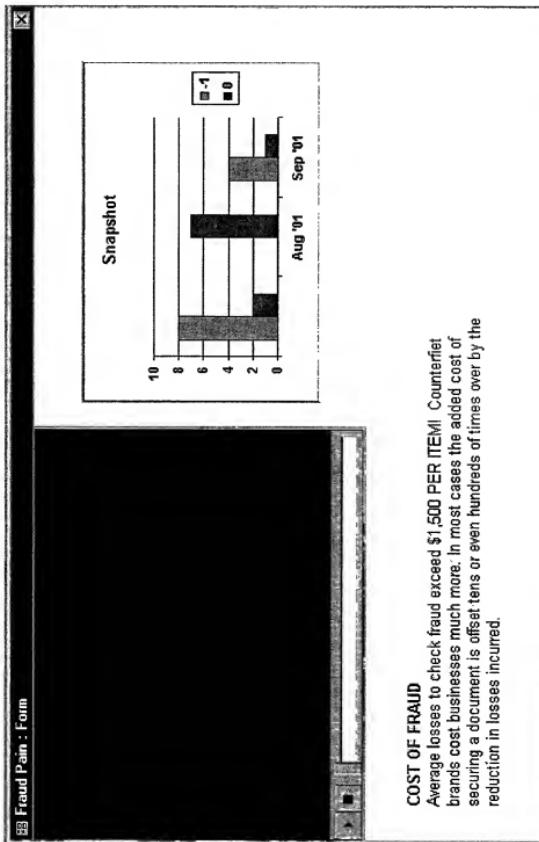
Fig. 1

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Fig. 2

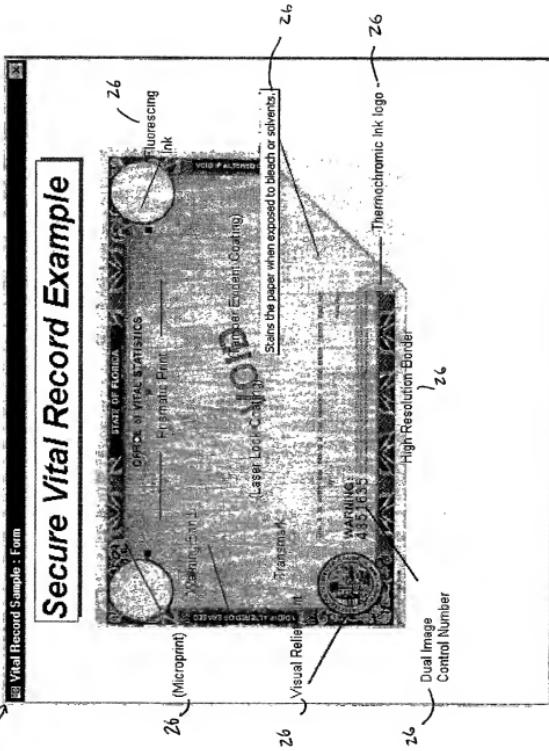


COST OF FRAUD

Average losses to check fraud exceed \$1,500 PER ITEM! Counterfeit brands cost businesses much more. In most cases the added cost of securing a document is offset tens or even hundreds of times over by the reduction in losses incurred.

and the H_2O molecule is formed by the combination of two hydrogen atoms and one oxygen atom.

Secure Vital Record Example



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2010000 = 6796700

28

DOCUMENT SECURITY

Technologies & Future Descriptions:



Thermalink — 26

size
QuesadaBridgeman

In our photographs, we can see the original color printouts.
back to the original color printouts.

29

USA
1999, NY

Thermalink
This device prints a good kind of protection against forged and commercial documents can be easily
understand it to be a high speed equipment.

UWB
UWB (Ultra-Wideband) is exposed to direct sunlight or intense electronic interference.

www.ultrawideband.com.

Matrix Coriolis

Use of these two instruments impact upon "Nature Performance".

Trust Response (T.R.) has a lot of power distributed to, but nevertheless, printed documents under
these exposure to sunlight are difficult to function in places of extreme heat.

Thermalink this label is better than paper documents for other colors.

Additional colors are comprehensive range are available.

Additional information can be seen in [E-mail: thermalink@msn.com](http://www.thermalink.com) or the
knowledge web.

Robotic
Thermalink can be ordered through the long phone.

usa.htm
Print Color Photo

5

10/10/01

usa.htm
Print Color Photo

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10/10/01

Fig.5

2002016296200T

Customization Entry

Technology & Commercial	
Company Name	
Primary Contact	
Presentation Description	
SRC Representative	
SRC Address 1	
SRC Address 2	
City, State ZIP	
Phone	
Additional Phone	
E-mail	

32

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Fig. 6.

Form Design Questions : Form

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Will this document be used on a laser printer?
 Will this be a cut sheet?
 Is this an image Seal form?
 Is the purchase cost more important than the potential fraud losses prevent?
 Is it a problem if this item is copied?
 Is your organization currently experiencing fraud losses from copies?
 Is it a problem if the information printed on this item is altered?
 Is your organization currently experiencing fraud losses from alterations?
 Will the acceptors of this document be trained to recognize its appearance?
 Will every item be tracked and accounted for?
 Will you be using a computerized authentication system like Positive Pay or a database lookup?
 Will this material be stored in a secured manner?
 Will this material be shipped in a secured manner?

Fig. 7

2023-07-04 15:55:28.007

Feature Selection - Form
Real Setting

Select Security Features Desired

Save Settings

1. Printer Protection

- Access Log
- Contact's Number
- Delete Log
- Delete Log
- Document Protection
- Secure Print Function
- Set MFP Task
- Target Broken Colored
- Verify User

2. Panoramic Screens

- Color Scan
- Color Scan Plus
- Super Scan II
- Super Print
- Print and Repeat
- Print

3. Open Authentication

- Available
- Additional Domains
- Certificate Authority
- Document Number
- Event Log
- MCR
- Simulated Environment
- Threshold
- Time Periodic

4. SECURITY LEVEL

Enter related security date

50

5. DOCUMENT TYPE

- Check
- Via Head
- Document Only
- File
- File Certificate
- Registration
- Title
- Label
- Taskbar/Task Card
- Object

6. Questions and Comments

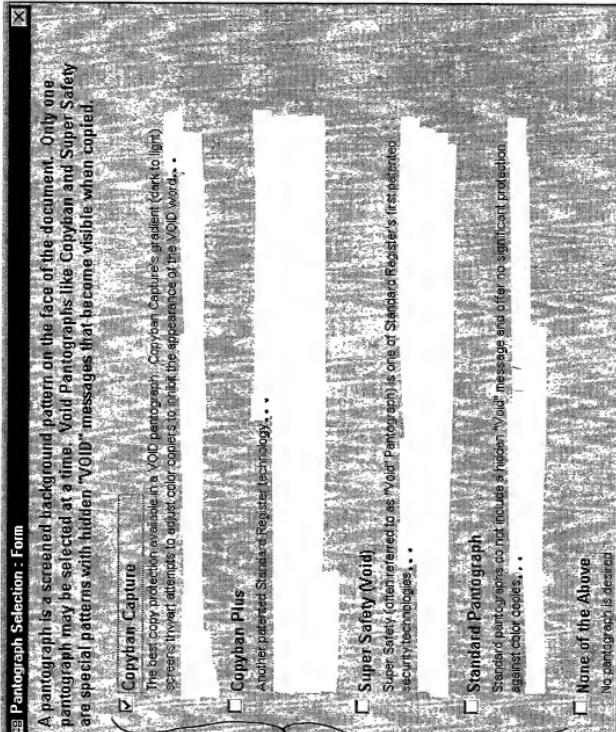
See Sample

7. Blurb Sheet and Premiums

- Custom Screen Helpfile
- Encodings
- Full Screen Borders
- Horizontal Borders
- Labels
- Logos
- Posters
- Visual Role Printing

20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

Fig. 8 a



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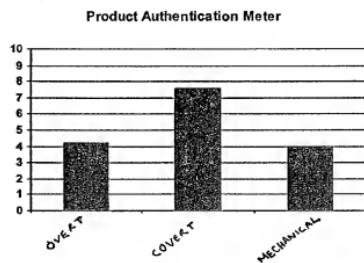
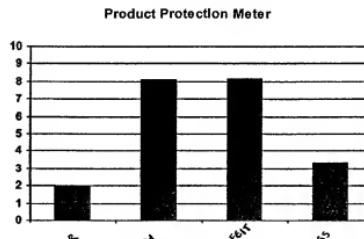
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fig. 8.b

Protection and Authentication Assessment

Rating the levels of protection and authentication selected against a scale of 1 to 10, where 1 = None and 10 = Excellent, results in the following scores:



2 Tamper Protection: Tamper Protection describes the relative ability of this item to warn the examiner that the information present has been altered.	Poor
8.08 Copy Protection: Copy Protection describes the relative ability of this item to warn the examiner that the entire document has been copied or replicated.	58 Good
8.18 Counterfeit Protection: Counterfeit Protection describes the relative ability of this item to warn the examiner that the entire document is fake.	Good
3.33 Access Protection: Access Protection describes the relative difficulty in accessing the item with the intent of producing a fraudulent original.	Minimal
4.24 Overt Authentication: Overt Authentication describes the relative ease with which a reasonably observant examiner could validate the Authenticity of the item without special equipment or knowledge.	Minimal
7.58 Covert Authentication: Covert Authentication describes the relative difficulty of a forger identifying and either reproducing or disabling a hidden security device on the document.	58 Good
4 Mechanical Authentication: Mechanical Authentication describes the relative ability to authenticate an item mechanically in an automated system.	Minimal

These are the Security products selected for this review

- Artificial Watermark Imagery printed on the document in white or transparent non-penetrating ink which is visible when viewed at an angle. May optionally fluoresce green under black light.
- Consecutive Number A sequential control or reference ID number printed on the document to aid in determining when & where it was issued.
- Defaced Voucher Background printing across otherwise blank areas of the document intended to prohibit use of the voucher to create a counterfeit.
- Dual Image Numbering A consecutive number printed in two colors, one of which penetrates into the paper and is visible on the back of the sheet.
- Fluorescent Ink Images and words printed on the document that are difficult to see unless exposed under black light.
- Hidden Message Border A word or phrase hidden within a High Resolution border and requiring a special lens to authenticate.
- High Resolution Border Intricate line patterns that emulate Intaglio printing. These borders enhance the appearance of a document and make replication difficult.
- Microdots A series of small circles of differing dot sizes that are very difficult to reproduce.
- Microprint A line of very fine text that appears as a solid or dashed line until viewed under magnification.
- Pantograph (CB Capture) Darker and lighter gradually changing tones that provide excellent color copy protection against the full range of copier settings. The word "VOID" appears on most color copies made.
- Satellite Image A covert image hidden in the Copyban Capture pantograph that requires a special lens to view on the original document but becomes visible on a color copy.

62

Report Date: 2003-07-01 10:00 AM X

One or more of the scores provided by this report have identified a deficiency in a specific level of protection. While "perfect" document protection is seldom possible under any circumstances, this item is clearly vulnerable to attack and fraud in the manner noted. Unless corrected, the security features currently selected will be unable to provide your document with adequate protection and performance in the specified area.

Please take a moment to re-examine the levels of protection currently selected and consider improving those categories offering minimal or poor levels of performance.

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Problem Area

Tamper Protection

Features that can help resolve this deficiency include:

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Tamper Evident Coating

A tamper evident coating that displays a "void" word in three languages when activated by chemicals intended to remove the image.

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Laid Lines

Scattered lines that make alterations by cutting and pasting easier to detect. Green Laid Lines are recommended for best performance.

Fig. 10



Relative Cost Impact Summary

The relative impact of these combined security features upon your overall product cost is estimated to be Minor ← 72

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A numbering machine is necessary.	Consecutive Number
A numbering machine is necessary. Specialty Ink.	Dual Image Numbering
A special authentication lens is necessary. Custom Image.	Satellite Image
A special authentication lens is necessary. Custom text.	Hidden Message Border
An additional print station is necessary for spot or custom. Economy can be improved by selecting this feature as part of a safety paper.	Artificial Watermark
An additional print station is necessary for spot or custom. Specialty Ink. Economy can be improved by selecting this feature as part of a safety paper.	Fluorescent Ink

Fig. 11